

AMENDMENTS TO THE CLAIMS

1. (Withdrawn) An encoded data structure comprising a body portion and a header portion, wherein the header portion comprises a data identifier for identifying the type of data in the body portion.

2. (Withdrawn) An encoded data structure comprising a body portion including ring tone data and a header portion having a function of indexing the body portion, wherein the header portion comprises a data identifier for identifying whether the data in the body portion is ring tone data or not, the data identifier including a combination of data that exists only in ring tone data.

3. (Withdrawn) The data structure according to claim 1 or 2, wherein the header portion further comprises an encryption identifier indicating whether or not the data in the body portion is encrypted.

4. (Canceled)

5. (Currently Amended) A cellular phone comprising ~~the~~ a code-reading terminal according to claim 4 including an imaging device for imaging encoded data including a header portion and a body portion, said header portion including a data identifier indicating the type of data in the body portion:

a data identifying unit that recognizes said data identifier and estimates the type of said encoded data imaged by said imaging device based on said recognized data identifier; and

a control unit that reads the contents of said encoded data in a manner suited for the type of data estimated by said data identifying unit and reproduces the thus read data.

6. (Canceled)

7. (Canceled)

8. (Currently Amended) A ring tone data code-reading terminal comprising:

an imaging ~~unit device~~ for ~~photographing-imaging~~ encoded data comprising a header portion and a body portion, ~~the said~~ body portion including encoded ring tone data, and ~~the said~~ header portion including a data identifier indicating the type of data in ~~the said~~ body portion;

a data identifier unit for ~~identifying-recognizing the data identifier and identifying~~ the data type of the encoded data ~~photographed-imaged~~ by the imaging unit ~~on the basis of~~ based on the recognized data identifier; and

a control unit for reading the contents of said encoded data in a manner suited for the type of data identified ~~depending on the data type identified by the said~~ data identifying unit and for reproducing the thus read ring tone data ~~that has been read~~.

9. (Original) A cellular phone comprising the code-reading terminal according to claim 8.

10. (Canceled)

11. (Currently Amended) A recording medium in which a program is recorded for causing a computer to carry out the steps of:

~~photographing-imaging~~ encoded data comprising a header portion and a body portion, ~~the said~~ header portion including a data identifier indicating the type of data in ~~the said~~ body portion;
~~identifying-recognizing~~ said data identifier and ~~identifying~~ the type of ~~the said~~ encoded data that has been ~~photographed-imaged~~ on the basis of the based on said recognized data identifier; and
reading the contents of said encoded data in a manner suited for the type of data identified ~~depending on the data type identified~~ and reproducing the thus read data ~~that has been read~~.

12. (Canceled)

13. (Canceled)

14. (New) A code-reading terminal comprising:

an imaging device for imaging encoded data including a header portion and a body portion, said header portion including a data identifier indicating the type of data in said body portion;

a data identifying unit that recognizes said data identifier from an image of the data identifier output by the imaging device, and estimates the type of said encoded data imaged by the imaging device based on said recognized data identifier; and

a control unit that reads the contents of said encoded data in a manner suited for the type of data estimated by said data identifying unit and reproduces the thus read data.

15. (New) The code-reading terminal according to claim 14, wherein whether or not the encoded data is encrypted is determined and, if encrypted, the data is reproduced after decryption.

16. (New) The code-reading terminal according to claim 15, wherein the data type is determined by the data identifying unit when the encoded data is read, and wherein encrypted data is decrypted and then reproduced, while unencrypted data is displayed.

17. (New) The code-reading terminal according to claim 14, wherein said data identifying unit determines whether the type of the encoded data is either ring tone data or data other than ring tone data based on the recognized data identifier, and if the encoded data is determined to be ring tone data, the data in the body portion is reproduced by said control unit.

18. (New) The code-reading terminal according to claim 14, wherein said data identifying unit determines whether the type of the encoded data is either ring tone data or data other than ring tone data based on the recognized data identifier, and if the encoded data is determined to be data other than ring tone data, the data other than ring tone data is displayed on the display unit by said control unit.